

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Cancelled)

2. (Cancelled)

3. (Currently Amended) ~~A resolver stator according to Claim 1, wherein~~ A resolver stator comprising:

a stator coil including a plurality of winding portions each wound around a magnetic pole via ring-shaped insulation caps, the stator coil being impregnated with a liquid or melted resin and fixed to the magnetic poles by curing the resin, wherein:

the resin is softer than an epoxy; and

a peripheral part of one of the ring-shaped insulation caps is provided with a plurality of terminals, wire ends of the stator coil are each wound around one of the plurality of terminals such that each wire end and the terminal form a winding-connecting part, and the wire end and the terminal are fixed to each other by soldering or fusing at one portion of the winding-connecting part and are independent from each other at the remaining portion of the winding-connecting part such that the wire end disposed in the remaining portion of the winding-connecting part is formed as a free wire end.

4. (Currently Amended) ~~A resolver stator according to Claim 2, wherein~~ A resolver stator comprising:

a stator coil including a plurality of winding portions each wound around a magnetic pole via ring-shaped insulation caps, the stator coil being impregnated with a liquid or melted resin and fixed to the magnetic poles by curing the resin, wherein

the resin is softer than an epoxy;

the resin is silicone; and

a peripheral part of one of the ring-shaped insulation caps is provided with a plurality of terminals, wire ends of the stator coil are each wound around one of the plurality of terminals such that each wire end and the terminal form a winding-connecting part, and the wire end and the terminal are fixed to each other by soldering or fusing at one portion of the winding-connecting part and are independent from each other at the remaining portion of the winding-connecting part such that the wire end disposed at the remaining portion of the winding-connecting part is formed as a free wire end.

5. (Original) A resolver stator according to Claim 3, wherein the free wire end is wound around the terminal at least once.

6. (Original) A resolver stator according to Claim 4, wherein the free wire end is wound around the terminal at least once.

7. (Original) A resolver stator according to Claim 3, wherein the free wire end is wound around the terminal a plurality of times.

8. (Original) A resolver stator according to Claim 4, wherein the free wire end is wound around the terminal a plurality of times.

9. (Original) A resolver stator according to Claim 3, wherein the free wire end has a resilient function and slack.

10. (Currently Amended) A resolver stator according to claim ~~1~~ 3, wherein the resin remains soft after the curing is complete.

11. (New) A resolver stator according to claim 4, wherein the free wire end has a resilient function and slack.

12. (New) A resolver stator according to claim 4, wherein the resin remains soft after the curing is complete.